

MAGNETIC STORAGE MEDIA HAVING TILTED MAGNETIC  
ANISOTROPY

ABSTRACT OF THE DISCLOSURE

5       A magnetic storage media comprises a substrate supporting the layer of magnetic media having a tilted C-axis greater than approximately 25° with respect to surface normal and having a magnetic easy axis tilted at an angle at approximately greater than 30° from the substrate surface normal. The media includes an oblique deposited seedlayer structure directing tilted C-axis growth  
10      of the magnetic material layer independent of the angle of deposition of the magnetic material layer. The orientation C-axis and the magnetic easy axis of the media may be organized into circumferential or radial patterns on the substrate surface, and additionally may possess azimuthal symmetry.